

عنوان مقاله:

Providing an intelligent system using artificial intelligence to manage residential lighting loads and HVAC systems

محل انتشار:

پنجمین کنفرانس بین المللی محاسبات نرم (سال: 1402)

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خلاصه مقاله:

The Smart Grids environments tend to bring more freedom and motivation to residential users become producer of electrical energy, however the increase of distributed generation systems can bring important concerns to utility companies, such as the electrical energy two-way flow. Thinking about this, Smart Home systems can carry out intelligent DR actions automatically in order to reduce energy consumption of users. The present work aims to provide a system that applies artificial intelligence methods and concepts of Internet of Things to manage residential lighting loads and HVAC systems

کلمات کلیدی:

Artificial intelligence.Demand response.HVAC systems

لینک ثابت مقاله در پایگاه سیویلیکا:

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